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BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST **COMPLETE THE FOLLOWING**

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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	SPHERICAL	CASTING SAN	עוו						
Fill in Appropriate	the specification of whi	ich is attached he	ereto. If not attached here	eto,					
Information - For Use Without	the specification v United States App			as					
Specification	and amended on		(if applicable	and/or					
Attached:	the specification v	was filed on	December 9	, 2003			as PCT		
	International Application Number PCT/JP2003, amended on			/ 015 / 04			and was plicable)		
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as								
	amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federa								
	Regulations, §1.56. I do not know and	nited States of Ame	rica before my or	our invention					
	thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legar representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having								
	a filing date before that Prior Foreign Applic	on on which priority is c	laimed:	imed: Priority Claimed					
Insert Priority	2002-357344	Japa	n	December 9	, 2002	_	_		
Information: (if appropriate)	(Number)	(Country)		(Month/Day/	Year Filed)	☑ Yes	□ No		
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	(Number)	(Country)	 	(Month/Day/	Year Filed)	Yes	No		
									
	(Number)	(Country)		(Month/Day/	Year Filed)	Yes	No		
	(Al.,)	(C1)		(Marsh /Day)	V Fil-4)				
	(Number)	(Country)		(Month/Day/	,	Yes	No		
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.								
Insert Provisional					· · · · · · · · · · · · · · · · · · ·				
Application(s): (if any)	(Application Number)			(Filing Date	e)				
	(Application Number)			(Filing Date)					
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:								
	Country Application Number			Date of Filing (Month/Day/Year)					
Insert Requested Information: (if appropriate)									
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclos information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
Insert Prior U.S.									
Application(s): (if any)	(Application Number)		(Filing Date)		(Status - patented, pending, abandoned)				
Page 1 of 2 (Rev. 12/19/01)	(Application Number)		(Filing Date)	(Status - patented, p	pending, abandor	ned)		

Attorney	Docket	t No.		
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I hereby appoint the practitioners at CUSTOMER NO. 2292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 2292

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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all Name of First or Sole Inventor:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
all Name of First or Sole Inventor: sert Name of Inventor → sert Date This Document is Signed	MINO SAKAGUCHT	Mak so Dokas	uchs	mm9 2005				
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	MAILING ADDRESS (Complete Street Address including City, State & Country)							
ull Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
	Residence (City, State & Country)		CITIZENSHI	P				
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